

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of)	Title: BELT CLIP ATTACHMENT
)	DEVICE AND METHOD OF USE
Applicant: STEVEN, John C. <i>et al.</i>)	
)	Group Art Unit: 3727
Application No.: 10/645,448)	
)	Examiner: LARSON, Justin Matthew
Filed: August 21, 2003)	
)	Attorney Docket No.: UTL 00312
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**AMENDMENT UNDER 37 CFR 1.312 WITH
PAYMENT OF ISSUE FEE AND PUBLICATION FEE**

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Examiner:

This amendment is submitted with payment of the issue fee and is in response to the Notice of Allowability Action dated March 3, 2006 in the above-referenced patent application. Attached please find the completed Issue Fee Transmittal Form, PTOL-85.

Applicant discovered minor antecedent basis errors in the Examiner's amendment, and amends claim 6, only, as shown below. The claims below incorporate the Examiner's amendments to claims 6, 11, 13, 18 and 19.

The Director is authorized to charge any additional fee(s) or any underpayment of fee(s) or credit any overpayment(s) to Deposit Account No. 50-3001 of Kyocera Wireless Corp.

Please enter the following amendments and consider the following remarks:

Amendments to the Claims are reflected in the listing of new claims which begins on page 2 of this paper.

Remarks begin on page 7 of this paper.

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listing, of claims in the application.

Listing of All Pending Claims

1. - 5. (canceled)

6. (currently amended) A belt clip attachment system for connecting a personal electronic device to a belt clip, the belt clip attachment system comprising:

the personal electronic device comprising a housing having a rear face; a battery door on the rear face, wherein said housing has a recess; and a plurality of pegs projecting outward from an interior wall of the recess, wherein a first section of the recess is in the battery door and a second section of the recess is in the rear face such that ~~the~~ a first end of ~~the~~ a belt clip knob engages at least one peg of the plurality of pegs in the second section of the recess; and

a the belt clip knob, comprising:

a the first end for seating within the recess, the first end having at least one track for engaging the plurality of pegs through a push and twist action;

a second end having an engagement member to connect the belt clip knob to the belt clip .

7. (previously presented) The belt clip attachment system of claim 6, wherein the engagement member is circular such that the belt clip attachment system connects to the belt clip at a plurality of orientation angles.

8. (previously presented) The belt clip attachment system of claim 7, wherein the

engagement member includes a starburst configuration with multiple radiating projections, wherein a radiating projection of the multiple radiating projections engages with a locking tang of the belt clip to lock the belt clip attachment system in place.

9. (previously presented) The belt clip attachment system of claim 6, wherein the engagement member includes an upper cylindrical member with a first diameter and a lower cylindrical hub with a second diameter less than the first diameter, wherein the lower cylindrical hub slides into a slot on the belt clip, the slot having width less than the first diameter of the upper cylindrical member such that the upper cylindrical member stays engages within the slot on the belt clip.

10. (previously presented) The belt clip attachment system of claim 6, wherein the engagement member comprises a well to receive a tang of the belt clip to maintain the belt clip knob in position with respect to the belt clip.

11. (previously presented) The belt clip attachment system of claim 6, wherein the personal electronic device further comprises:

a battery door latch for connecting the battery door to the housing.

12. (previously presented) The belt clip attachment system of claim 6, further including a resilient member disposed within an interior chamber of the belt clip knob that urges the belt clip knob into a locked position when the track of the first end of the belt clip knob is engaged with the plurality of pegs.

13. (previously presented) A device attachment system comprising:

an electronic device comprising a housing having a rear face and a detachable battery

door disposed on said rear face, the detachable battery door comprising:

a cylindrical recess having a recess diameter and an inside cylindrical wall,

wherein a first section of the cylindrical recess is in the detachable battery door and a

second section of the cylindrical recess is in the rear face of the housing; and
at least one lateral peg projecting outward from the inside cylindrical wall;
a detachable knob having a knob diameter less than the recess diameter such that the
detachable knob seats within the cylindrical recess, the detachable knob
comprising:
a locking track adjacent to a first end of the detachable knob, the locking track
for engaging the at least one lateral peg when the detachable knob is
partially rotated within the cylindrical recess; and
a knob connection portion at a second end of the detachable knob; and
a belt clip having a clip recess for accepting the knob connection portion of the
detachable knob.

14. (previously presented) The device attachment system of claim 13, wherein the
detachable battery door further comprises:

C-shaped latch having a latch activator in a circular shape, the latch activator
having a tang for engaging with a lip of the housing.

15. (previously presented) The device attachment system of claim 13, wherein the
detachable battery door is on a rear surface of housing.

16. (previously presented) The device attachment system of claim 13, wherein the
detachable battery door comprises a battery integral to the detachable battery door.

17. (previously presented) The device attachment system of claim 14, wherein the C-
shaped latch is positioned inside of the cylindrical recess, and wherein the first end of
the detachable knob is a cylinder having a hollow interior, the cylinder of the detachable
knob having a sufficient inside diameter to accept the C-shaped latch into the hollow
interior when the detachable knob is seated in the cylindrical recess.

18. (previously presented) The device attachment system of claim 13, wherein the detachable knob engages the at least one lateral peg in the second section of the recess.

19. (previously presented) The device attachment system of claim 13, wherein the first section of the cylindrical recess in the detachable battery door comprises a battery door latch for latching the detachable battery door to the rear face of the housing.

20. (previously presented) The device attachment system of claim 13, wherein the knob connection portion at the second end of the detachable knob is circular such that the detachable knob and the attached electronic device connect to the belt clip at a plurality of orientation angles.

21. (previously presented) The device attachment system of claim 20, wherein the knob connection portion comprises a plurality of radiating projections in a starburst configuration, wherein a radiating projection of the plurality of radiating projections engages with a locking tang of the belt clip to lock the knob connection to the belt clip.

22. (previously presented) A mobile phone for attachment to a belt clip, the mobile phone comprising,
a housing having a back face, the back face comprising a battery recess;
a removable battery seated in the battery recess, the removable battery forming a portion of the back face of the housing;
a cylindrical recess formed into a first portion of the removable battery and a second portion of the back face adjacent to the removable battery, the cylindrical recess comprising an interior cylindrical wall with at least one peg projecting out from the interior cylindrical wall; and
a removable universal clip seated in the cylindrical recess, the removable universal clip having a first end comprising a locking track for engaging the at least one peg to

lock the removable universal clip in to the cylindrical recess, the removable universal clip having a second end for attachment to the belt clip.

23. (previously presented) The mobile phone of claim 22, wherein the second end of the removable universal clip is circular such that the mobile phone connects to the belt clip at a plurality of orientation angles.

24. (previously presented) The mobile phone of claim 22, wherein the second end of the removable universal clip comprises a plurality of radiating projections in a starburst configuration such that the mobile phone connects to the belt clip at a plurality of orientation angles, and wherein a radiating projection of the plurality of radiating projections engages with a locking tang of the belt clip to lock the mobile phone to the belt clip.

25. (previously presented) The mobile phone of claim 22, wherein the first portion of the removable battery that forms the cylindrical recess comprises a latch that secures the removable battery to the back face of the housing.

REMARKS

This amendment is presented with payment of the issue fee to amend minor antecedent basis errors found in the Examiner's amendment of the Notice of Allowability dated March 3, 2006. Specifically, claim 6 is amended to "a belt clip knob" which is now presented in the first element, and "the belt clip knob" which is presented in the second element as amended. No further amendments or changes are made.

Conclusion

Should the Examiner believe that issuance of this application might be expedited by further discussion of the above minor amendments, the Examiner is invited to telephone the attorney for Applicant at the telephone number listed below.

Respectfully Submitted,

Dated: June 2, 2006

By: 

Kathleen L. Connell
Attorney for Applicant
Registration No. 45,344

KYOCERA WIRELESS CORP.
Attn: Intellectual Property Department
P.O. Box 928289
San Diego, California 92192-8289
Direct Dial: (858) 882-2169
Direct Fax: (858) 882-2485